

Title (en)

Method for increasing molecular weight of syndiotactic polypropylene.

Title (de)

Verfahren zur Molekulargewichtserhöhung von syndiotaktischem Polypropylen.

Title (fr)

Procédé d'augmentation de poids moléculaire de polypropylène syndiotactique.

Publication

EP 0451804 A2 19911016 (EN)

Application

EP 91105655 A 19910410

Priority

- JP 9654690 A 19900413
- JP 13825290 A 19900530
- JP 32551490 A 19901129

Abstract (en)

A method for increasing the molecular weight of polypropylene having a substantially syndiotactic structure is disclosed which comprises the step of irradiating the syndiotactic polypropylene with radiation in the absence of oxygen. After the irradiation, the polypropylene is preferably heated. Furthermore, the polypropylene having the substantially syndiotactic structure which remains in a melting state can be irradiated with radiation. The polypropylene having the substantially syndiotactic structure is preferably polypropylene in which any diffraction line is not substantially observed in a spacing of about 7.1 Å by X-ray diffraction. <IMAGE>

IPC 1-7

C08F 8/00; **C08F 10/06**; **C08J 3/28**

IPC 8 full level

C08F 2/48 (2006.01); **C08F 8/00** (2006.01); **C08J 3/28** (2006.01)

CPC (source: EP KR US)

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Cited by

EP1170307A1; EP0678527A3; EP1170305A1; EP0799839A3; US5804304A; US6114486A; CN1072241C; US7019044B2; WO0202655A1; WO0202653A1; WO2022238520A1; US6232410B1; US6689851B1; WO9732922A3

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